

In the Claims:

1. (Currently Amended) A composition for preventing or reducing the incidence of adhesions in ~~or associated with~~ a body cavity comprising an aqueous formulation containing a the polysaccharide dextrin in an amount effective to prevent or reduce such adhesions, wherein the dextrin is unsubstituted or substituted, with the proviso that the dextrin is not substituted with strongly acidic groups selected from the group consisting of sulphate, nitrate, and phosphate groups, and wherein the dextrin contains more than 15% of polymers with a degree of polymerisation (DP) greater than 12 and acts as an osmotic agent to maintain a volume of the aqueous formulation in the body cavity serving to separate tissues which otherwise may adhere to each other.

2. (Original) A composition according to Claim 1 wherein the aqueous formulation is a solution.

3. (Cancelled)

4. (Original) A composition according to Claim 1 wherein the percentage of α -1,6 linkages in the dextrin is less than 10%.

5. (Original) A composition according to Claim 4 wherein the percentage of α -1,6 linkages in the dextrin is less than 5%.

6. (Currently Amended) A composition according to Claim 1 wherein the number average molecular weight (Mn) of the dextrin is in the range of 1,000 to 30,000.

7. (Currently Amended) A composition according to Claim 6 wherein the Mn of the dextrin is in the range of 3,000 to 8,000.

8. (Currently Amended) A composition according to Claim 1 wherein
the weight average molecular weight (Mw) of the dextrin is in the range of 3,000 to
50,000.

9. (Original) A composition according to Claim 8 wherein the Mw of the
dextrin is from 5,000 to 50,000.

10. (Previously Amended) A composition according to Claim 1 wherein
the dextrin contains more than 50% of polymers with a degree of polymerisation (DP)
greater than 12.

11. (Previously Amended) A composition according to Claim 1 wherein
the dextrin is unsubstituted dextrin.

12. (Currently Amended) A composition according to Claim 1 wherein
the dextrin is substituted dextrin by one or more different groups selected from the
group consisting of negatively charged groups, sulphate groups, neutral groups,
positively charged groups, and quaternary ammonium groups, with the proviso that
the dextrin is not substituted with strongly acidic groups selected from the group
consisting of sulphate, nitrate, and phosphate groups.

13. (Cancelled)

14. (Previously Amended) A composition according to Claim 1 in which
the dextrin is present in an amount of from 2.5-18 % by weight of the composition.

15. (Original) A composition according to Claim 14 in which the dextrin
is present in an amount of from 3-5 % by weight of the composition.

16. (Previously Amended) A composition according to Claim 14 in which
the dextrin is present in an amount of about 4 % by weight of the composition.

17. (Original) A composition according to Claim 1 which further includes a calcium binding agent.

14
18. (Currently Amended) A composition according to Claim 17 wherein the calcium binding agent is either EDTA or sodium citrate.

19. (Cancelled)

20. (Cancelled)

15
21. (Currently amended) A composition according to Claim 1 which further comprises includes a hyaluronate.

22. (Previously Amended) A composition according to Claim 1 which further comprises a compound selected from the group consisting of glycosolaminoglycan, an antibiotic agent, prostacyclin or an analogue thereof, a fibrinolytic agent or an analogue thereof, an anti-inflammatory agent or an analogue thereof, dextrin sulphate and methylene blue.

16
23. (Currently Amended) A method of preventing or reducing the incidence of adhesions in ~~or associated with~~ a body cavity, comprising introducing into the body cavity a composition comprising an aqueous formulation further comprising a polysaccharide dextrin in an amount effective to prevent or reduce the incidence of such adhesions, wherein the dextrin contains more than 15% of polymers with a degree of polymerisation (DP) greater than 12 and acts as an osmotic agent to maintain a volume of the aqueous formulation in the body cavity serving to separate tissues which otherwise may adhere to each other.

24. (Original) A method according to Claim 23 wherein the aqueous formulation is a solution.

25. (Cancelled)

26. (Previously Amended) A method according to Claim 23 wherein said composition is applied to the appropriate body cavity after a surgical operation has been carried out.

27. (Previously Amended) A method according to Claim 23 wherein the composition is allowed to remain in the body cavity for a minimum of 2 to 3 days.

28. (Previously Amended) A method according to Claim 23 wherein the composition is allowed to remain in the body cavity over the period during which fibrin exudation is at a maximum.

29. (Currently Amended) A method according to Claim 23 wherein the composition remains in the body cavity for a period of up to 7 to 8 days in order to allow restoration of non-stick surfaces (~~mesothelium regeneration~~).

30. (Currently Amended) A method according to Claim 23 wherein the composition is applied to the peritoneal cavity in a volume in the range of 500-2000 ml.

31. (Currently Amended) A method according to Claim 30 wherein the composition is applied to the peritoneal cavity in a volume in the range of 1000 ml-1500 ml.

32. (Previously Amended) A method according to Claim 23 wherein the dextrin is applied to the appropriate body cavity in differing concentrations over a concentration range of 2.5-18 % by weight of the composition.

33. (Original) A method according to Claim 32 wherein the dextrin is applied to the appropriate body cavity in differing concentrations over a concentration range of 3-5 % by weight of the composition.

34. (Previously Amended) A method according to either Claim 32 wherein the dextrin is applied to the appropriate body cavity in an amount of about 4 % by weight of the composition.

35. (Previously Amended) A method according to Claim 23 wherein the concentration range of the dextrin is selectively altered over a period of time.

36. (Cancelled)

37. (Cancelled)

38. (Cancelled)

39. (Currently Amended) Products containing an aqueous formulation of the polysaccharide dextrin ~~and a feature~~ of Claim 17 as a combined preparation for use in preventing or reducing the incidence of adhesions in or associated with a body cavity wherein the dextrin contains more than 15% of polymers with a degree of polymerisation (DP) greater than 12 and acts as an osmotic agent to maintain a volume of the aqueous formulation in the body cavity serving to separate tissues which otherwise may adhere to each other.

(C8)

40. (Currently Amended) A prevention kit comprising an aqueous formulation of dextrin, wherein the prevention kit is useful for surgical use for the prevention of adhesions in a body cavity of ~~in~~ animals or humans.

41. (Original) A kit according to Claim 40, wherein the kit is biocompatible.

42. (Original) A kit according to Claim 40, wherein the kit is bioresorbable.

In re: Brown
Serial No.: 09/700,057
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Page 7

43. (Previously Added) A kit according to Claim 40, wherein the kit is non-toxic.